CITY OF CONCORD ENGINEERING DEPARTMENT

BID TABULATION FORM GLEN LAUREL TO ZION CHURCH RD SEWER UPSIZE #2009-067

* \$498,978.24

\$555,000.05

\$679,862.79

\$566,442.80

ALFRED M. BROWN OPERATIONS CENTER 850 WARREN C. COLEMAN BLVD. CONCORD, NC 28026-0308 PHONE 704,920,5425

	·			ADVANCED DEVELOPMENT		·					
		ļ <u>.</u>		CONCEPTS		BRS UTILITY		CONCORD BUILDERS		DELLINGER INC	
No.	Item	Units	Quantity								
1	Mobilization	EA	I	\$12,870.00	\$12,870.00	\$9,000.00	\$9,000.00	\$18,000.00	\$18,000.00	\$10,000.00	\$10,000.00
_	Clearing & Grubbing	LS	I	\$8,950.50	\$8,950.50	\$9,423.00	\$9,423.00	\$17,250.00	\$17,250.00	\$8,000.00	\$8,000.00
	Install 24" Sewer Pipe 0-6'D	LF	24	\$56.55	\$1,357.20	\$81.75	\$1,962.00	\$78.92	\$1,894.08	\$68.00	\$1,632.00
	Install 24" DI Sewer Pipe Restrained Joint 0'-6'D	LF	74	\$160.88	\$11,905.12	\$186.50	\$13,801.00	\$184.22	\$13,632.28	\$255.00	\$18,870.00
	Install 24" Sewer Pipe 6'-8'D	LF	407	\$60.45	\$24,603.15	\$83.75	\$34,086.25	\$83.52	\$33,992.64	\$73.00	\$29,711.00
	Install 24" DI Sewer Pipe Restrained Joint 6-8'D	LF	33	\$167.70	\$5,534.10	\$188.50	\$6,220.50	\$189.82	\$6,264.06	\$260.00	\$8,580.00
_	Install 24" Sewer Pipe 8'-10'D	LF	1313	\$62.40	\$81,931.20	\$86.75	\$113,902.75	\$80.42	\$105,591.46	\$83.00	\$108,979.00
	Install 24" DI Sewer Pipe Restrained Joint 8-10'D	LF	48	\$172.58	\$8,283.84	\$191.50	\$9,192.00	\$196.72	\$9,442.56	\$270.00	\$12,960.00
9	Install 24" Sewer Pipe 10'-12'D	LF	751	\$64.35	\$48,326.85	\$96.75	\$72,659.25	\$100.77	\$75,678.27	\$93.00	\$69,843.00
10	Install 24" DI Sewer Pipe10'-12'D	LF	21	\$115.05	\$2,416.05	\$152.25	\$3,197.25	\$161.28	\$3,386.88	\$190.00	\$3,990.00
11	Install 24" DI Sewer Pipe Restrained Joint 10-12'D	LF	64	\$173.55	\$11,107.20	\$201.50	\$12,896.00	\$207.17	\$13,258.88	\$295.00	\$18,880.00
12	Install 24" DI Sewer Pipe 12'-14'D	LF	118	\$121.88	\$14,381.84	\$152.25	\$17,965.50	\$117.93	\$13,915.74	\$220.00	\$25,960.00 *
13	Install 16" Sewer Pipe DI 8'-10'D	LF	126	\$82.88	\$10,442.88	\$120.25	\$15,151.50	\$115.75	\$14,584.50	\$90.00	\$11,340.00
14	Install 8" Sewer Pipe 8'-10'D	LF	12	\$70.20	\$842.40	\$83.50	\$1,002.00	\$69.48	\$833.76	\$28.00	\$336.00
1:	wall thickness, two spiders per joint at Zion Church Rd	LF	70	\$846.30	\$59,241.00	\$851.00	\$59,570.00	\$900.00	\$63,000.00	\$600.00	\$42,000.00
16	Install 16" DI Restrained Joint Sewer Pipe via dry bore w/30" steel casing 0.312" wall thickness	LF	56	\$375.38	\$21,021.28	\$332.00	\$18,592.00	\$548.00	\$30,688.00	\$250.00	\$14,000.00
17	Install 16" DI Restrained Joint Sewer Pipe via dry bore w/30" steel casing 0.312" wall thickness	LF	44	\$375.38	\$16,516.72	\$332.00	\$14,608.00	\$1,323.00	\$58,212.00	\$250.00	\$11,000.00
	Install 4' Dia. Manhole w/rim & cover 0-6' D	EA	1	\$1,316.25	\$1,316.25	\$1,375.00	\$1,375.00	\$1,570.00	\$1,570.00	\$1,600.00	\$1,600.00
19	Extra Depth 4' Dia, Manholes	VF	2.5	\$156.00	\$390.00	\$110.00	\$275.00	\$137.55	\$343.88	\$160.00	\$400.00
20	Install 5' Dia. Manhole w/rim & cover 0-6' D	EA	16	\$1,984.13	\$31,746.08	\$1,925.00	\$30,800.00	\$2,559.00	\$40,944.00	\$2,000.00	\$32,000.00
21	Extra Depth 5' Dia, Manholes	VF	89.1	\$175.50	\$15,637.05	\$155.00	\$13,810.50	\$211.00	\$18,800.10	\$270.00	\$24,057.00
22	Tie-in Ex. Sanitary Sewer Interceptor 24"	LS	1	\$3,217.50	\$3,217.50	\$2,500.00	\$2,500.00	\$25,150.00	\$25,150.00	\$3,200.00	\$3,200.00
23	Tie in New 8" Main STA 23+36	LS	1	\$2,047.50	\$2,047.50	\$2,350.00	\$2,350.00	\$5,274.00	\$5,274.00	\$1,400.00	\$1,400.00
24	Abandon Ex. Sanitary Sewer Manholes	EA	17	\$487.50	\$8,287.50	\$450.00	\$7,650.00	\$891.00	\$15,147.00	\$450.00	\$7,650.00
25	Tie in Ex 4" SS Service Lines	EA	3	\$585.00	\$1,755.00	\$430.00	\$1,290.00	\$1,844.00	\$5,532.00	\$1,000.00	\$3,000.00
	Manhole 4" Vent Pipes	VF	16	\$195.00	\$3,120.00	\$125.00	\$2,000.00	\$208.00	\$3,328.00	\$160.00	\$2,560.00
27	Install Silt Fence	LF	3250	\$1.46	\$4,745.00	\$1.62	\$5,265.00	\$1.68	\$5,460.00	\$2.00	\$6,500.00
28	Install Stone Outlets	EA	32	\$58.50	\$1,872.00	\$50.00	\$1,600.00	\$56.00	\$1,792.00	\$100.00	\$3,200.00
29	Temporary Construction Entrance est 12'Wx25'L	EA	3	\$1,462.50	\$4,387.50	\$1,500.00	\$4,500.00	\$578,00	\$1,734.00	\$3,000,00	\$9,000.00
30	Temporary Creek Crossing per detail plan sht. 7	EA	2	\$5,362.50	\$10,725.00	\$3,000.00	\$6,000.00	\$1,176,00	\$2,352,00	\$2,500.00	\$5,000.00
31	Stream Bank Stabilization At Creek Crossings per detail plan sht. 7	EA	2	\$3,900.00	\$7,800.00	\$1,250.00	\$2,500,00	\$797.00	\$1,594.00	\$2,000.00	\$4,000.00
32	Permanent and Temporary (Ford) Small Ditch Crossing per detail plan sht. 7 STA 15+70	EA	1	\$3,900.00	\$3,900.00	\$1,250.00	\$1,250.00	\$2,047.00	\$2,047.00	\$1,500.00	\$1,500.00
33	Gravel Drive replacement near Zion Ch Rd, if necessary	SY	120	\$10.73	\$1,287.60	\$5.00	\$600.00	\$6.00	\$720,00	\$15.00	\$1,800.00
	Seeding & Mulch	AC	3	\$1,462.50	\$4,387.50	\$1,500.00	\$4,500.00	\$1,680.00	\$5,040.00	\$1,500.00	\$4,500.00
	Remove farm fence & install 12' cattle gate	EA	4	\$658.13	\$2,632.52	\$750.00	\$3,000.00	\$111.00	\$444.00	\$1,000.00	\$4,000,00
	Debris Removal, if necessary, MHs 8 & 9	TN	5	\$438.75	\$2,193.75	\$10.00	\$50.00	\$137.00	\$685.00	\$500.00	\$2,500.00
	Traffic Control at Zion Church Rd	LS	1	\$2,437,50	\$2,437.50	\$1.00	\$1.00	\$475.00	\$475.00	\$1,000.00	\$1,000.00
ESTIMATED BASE COST *							\$504,545.50		\$618,057.09		\$514,948.00
10% CONTINGENCY *							\$50,454.55		\$61,805.71		\$51,494.80
	MOMAY ECONALAMEN COCK				\$45,361.66				,		** - ** - ***

* ROUNDING DISCREPANCY - DID NOT AFFECT THE OUTCOME

NOTE THE CITY WILL APPLY THE RULE THAT THE UNIT PRICE GOVERNS IN RESOLVING UNIT PRICE/EXTENSION DISCREPANCIES.

TOTAL ESTIMATED COST

This is to certify that bids tabulated herein were publicly opened and read aloud at 300pm on 07.27.11 in Conference Room C of the Brown Operations Center 850 Warren C Coleman Blvd. Concord, NC, and the said bids were accompanied by acceptable bidders bonds in the amount of 5% of the bid, unless noted.

This Certified Bid Tabulation is true and correct to the best of my abilities and knowledge.



^{**} MATH ERROR IN BID WAS CORRECTED AND RE-CALCULATED USING SPREADSHEET - DID NOT AFFECT THE OUTCOME

^{***} NON-RESPONSIVE BID

CITY OF CONCORD ENGINEERING DEPARTMENT

ALFRED M. BROWN OPERATIONS CENTER 850 WARREN C. COLEMAN BLVD. CONCORD, NC 28026-0308 PHONE 704.920.5425

BID TABULATION FORM GLEN LAUREL TO ZION CHURCH RD SEWER UPSIZE #2009-067

			FREES		LANDSDOWN EARTH &							
			CONTRACTOR		PIPE		R F SHINN CONTRACTOR		R RITCHIE CONSTRUCTION		STATE UTILITY CO	ONTRACTORS
No. Item	Units	Quantity										
1 Mobilization	EA LS	1	\$14,000.00	\$14,000.00	\$5,000.00	\$5,000.00	\$13,000.00	\$13,000.00	\$6,990.12	\$6,990.12		\$28,000.00
2 Clearing & Grubbing		1	\$16,000.00	\$16,000.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00		\$16,825.00
3 Install 24" Sewer Pipe 0-6'D		24	\$65.00	\$1,560.00	\$58.00	\$1,392.00	\$101,00	\$2,424.00	\$59.96	\$1,439.04	\$94.00	\$2,256.00
4 Install 24" DI Sewer Pipe Restrained Joint 0'-6'D	LF	74	\$170.00	\$12,580.00	\$160.00	\$11,840.00	\$201.00	\$14,874.00	\$157.38	\$11,646.12	\$180.00	\$13,320.00
5 Install 24" Sewer Pipe 6'-8'D	LF	407	\$66.00	\$26,862.00	\$60.00	\$24,420.00	\$105.00	\$42,735.00	\$70.50	\$28,693.50	\$95.00	\$38,665.00
6 Install 24" DI Sewer Pipe Restrained Joint 6-8'D	LF	33	\$170.00	\$5,610.00	\$160.00	\$5,280.00	\$205.00	\$6,765.00	\$167.92	\$5,541.36	\$181.00	\$5,973.00
7 Install 24" Sewer Pipe 8'-10'D	LF	1313	\$66.00	\$86,658.00	\$70.00	\$91,910.00	\$110.00	\$144,430.00	\$70.54	\$92,619.02	\$96.00	\$126,048.00
8 Install 24" DI Sewer Pipe Restrained Joint 8-10'D	LF	48	\$175.00	\$8,400.00	\$160.00	\$7,680.00	\$210.00	\$10,080.00	\$167.96	\$8,062.08	\$185.00	\$8,880.00
9 Install 24" Sewer Pipe 10'-12'D	LF	751	\$75.00	\$56,325.00	\$75.00	\$56,325.00	\$116.00	\$87,116.00	\$79.80	\$59,929.80	\$100.00	\$75,100.00
10 Install 24" DI Sewer Pipe10'-12'D	LF	21	\$118.50	\$2,488.50	\$100.00	\$2,100.00	\$176.00	\$3,696.00	\$134.34	\$2,821.14	\$155.00	\$3,255.00
11 Install 24" DI Sewer Pipe Restrained Joint 10-12'D	LF	64	\$180,00	\$11,520.00	\$175.00	\$11,200.00	\$216.00	\$13,824.00	\$177.22	\$11,342.08	\$190.00	\$12,160.00
12 Install 24" DI Sewer Pipe 12'-14'D	LF	118	\$130.00	\$15,340.00	\$100.00	\$11,800.00	\$225.00	\$26,550.00	\$149.77	\$17,672.86	\$160.00	\$18,880.00
13 Install 16" Sewer Pipe DI 8'-10'D	LF	126	\$94.00	\$11,844.00	\$85.00	\$10,710.00	\$140.00	\$17,640.00	\$92,00	\$11,592.00	\$120.00	\$15,120.00
14 Install 8" Sewer Pipe 8'-10'D	LF	12	\$32.00	\$384.00	\$45.00	\$540.00	\$130.00	\$1,560.00	\$49.11	\$589.32	\$75.00	\$900.00
Install 24" DI Restrained Joint Sewer Pipe via dry GUARANTEED bore w/36" steel casing 0.375"										<u> </u>		***************************************
15 wall thickness, two spiders per joint at Zion Church Rd	LF	70	\$630.00	\$44,100.00	\$350.00	\$24,500,00	\$450.00	\$31,500.00	\$840.62	\$58,843.40	\$920,00	\$64,400,00
16 Install 16" DI Restrained Joint Sewer Pipe via dry bore w/30" steel casing 0.312" wall thickness	LF	56	\$300.00	\$16,800.00	\$250.00	\$14,000.00	\$400.00	\$22,400.00	\$405.03	\$22,681.68	\$525.00	\$29,400.00
17 Install 16" DI Restrained Joint Sewer Pipe via dry bore w/30" steel casing 0.312" wall thickness	LF	44	\$300.00	\$13,200.00	\$250.00	\$11,000.00	\$400.00	\$17,600.00	\$405.03	\$17,821.32	\$525.00	\$23,100.00
18 Install 4' Dia, Manhole w/rim & cover 0-6' D	EA	1	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00	\$1,220,41	\$1,220.41	\$1,250.00	\$1,250.00
19 Extra Depth 4' Dia. Manholes	VF	2.5	\$150.00	\$375.00	\$200.00	\$500.00	\$100.00	\$250.00	\$135,34	\$338.35	\$110.00	\$275.00
20 Install 5' Dia. Manhole w/rim & cover 0-6' D	EA	16	\$2,100.00	\$33,600,00	\$3,000.00	\$48,000.00	\$2,000.00	\$32,000.00	\$1,770.75	\$28,332.00	\$1,900.00	\$30,400.00
21 Extra Depth 5' Dia. Manholes	VF	89.1	\$160.00	\$14,256.00	\$100.00	\$8,910.00	\$130,00	\$11,583.00	\$162.28	\$14,459.15	\$175.00	\$15,592.50
22 Tie-in Ex. Sanitary Sewer Interceptor 24"	LS	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$5,161,63	\$5,161.63	\$3,300.00	\$3,300.00
23 Tie in New 8" Main STA 23+36	LS	1	\$2,500.00	\$2,500,00	\$2,500.00	\$2,500.00	\$1,200.00	\$1,200.00	\$2,844.63	\$2,844.63	\$1,700.00	\$1,700.00
24 Abandon Ex, Sanitary Sewer Manholes	EA	17	\$400.00	\$6,800.00	\$300,00	\$5,100.00	\$300.00	\$5,100.00	\$358.32	\$6,091.44	\$650.00	\$11,050.00
25 Tie in Ex 4" SS Service Lines	EA	3	\$1,800.00	\$5,400,00	\$500.00	\$1,500.00	\$800,00	\$2,400.00	\$694.57	\$2,083.71	\$1,550,00	\$4,650.00
26 Manhole 4" Vent Pipes	VF	16	\$200.00	\$3,200.00	\$250.00	\$4,000.00	\$250,00	\$4,000.00	\$351.02	\$5,616,32	\$125.00	\$2,000.00
27 Install Silt Fence	LF	3250	\$3.00	\$9,750.00	\$2.00	\$6,500.00	\$2.00	\$6,500.00	\$1.52	\$4,940.00	\$2.20	\$7,150.00
28 Install Stone Outlets	EA	32	\$100.00	\$3,200,00	\$250.00	\$8,000.00	\$200.00	\$6,400.00	\$130.81	\$4,185.92	\$85.00	\$2,720.00
29 Temporary Construction Entrance est 12'Wx25'L	EA	3	\$3,000,00	\$9,000.00	\$1,000.00	\$3,000.00	\$2,000,00	\$6,000.00	\$2,992.12	\$8,976,36	\$1,100,00	\$3,300.00
30 Temporary Creek Crossing per detail plan sht. 7	EA	2	\$2,500,00	\$5,000.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$8,000.00	\$4,000,00	\$8,000.00
31 Stream Bank Stabilization At Creek Crossings per detail plan sht. 7	EA	2	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$4,647.37	\$9,294.74	\$1,000.00	\$2,000.00
32 Permanent and Temporary (Ford) Small Ditch Crossing per detail plan sht. 7 STA 15+70	EA	1	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,049.09	\$1,049.09	\$800.00	\$800.00
33 Gravel Drive replacement near Zion Ch Rd, if necessary	SY	120	\$15.00	\$1,800.00	\$10.00	\$1,200.00	\$10.00	\$1,200.00	\$10.39	\$1,049.09	\$10.00	\$1,200.00
34 Seeding & Mulch	AC	3	\$1,200,00	\$3,600.00	\$1,000.00	\$3,000.00	\$1,600,00	\$4,800.00	\$1,700.38	\$5,101.14	\$1,625.00	\$4,875.00
35 Remove farm fence & install 12' cattle gate	EA	4	\$400.00	\$1,600.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$630.32	\$2,521.28	\$450.00	\$1,800.00
36 Debris Removal, if necessary, MHs 8 & 9	TN	5	\$75.00	\$375.00	\$200,00	\$1,000.00	\$150.00	\$750.00	\$150.00	\$750.00	\$55.00	\$275.00
37 Traffic Control at Zion Church Rd	LS	1	\$1,500,00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$275.00	\$275,00
ESTIMATED BASE COST	\$456,127.50	*	\$412,907.00	Ψ1,000.00		φυ.υυ		Φ213,00				
	-		•		\$565,977.00		\$472,997.81		\$584,894.50			
10% CONTINGENCY	\$45,612.75	*	\$41,290.70		\$56,597.70		\$47,299.78		\$58,489.45			
TOTAL ESTIMATED COST	\$501,740.25	*	\$454,197.70		\$622,574.70		\$520,297.59		\$643,383.95			

^{*} ROUNDING DISCREPANCY - DID NOT AFFECT THE OUTCOME

NOTE THE CITY WILL APPLY THE RULE THAT THE UNIT PRICE GOVERNS IN RESOLVING UNIT PRICE/EXTENSION DISCREPANCIES.

This is to certify that bids tabulated herein were publicly opened and read aloud at 300pm on 07.27.11 in Conference Room C of the Brown Operations Center 850 Warren C Coleman Blvd.

Concord, NC, and the said bids were accompanied by acceptable bidders bonds in the amount of 5% of the bid, unless noted.

This Certified Bid Tabulation is true and correct to the best of my abilities and knowledge.

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^{***} NON-RESPONSIVE BID